# BACHELOR’S DEGREE PROGRAM | TECH - SOFTWARE AND INFORMATION SYSTEMS

## SOFTWARE DEVELOPMENT

### ABOUT THIS DEGREE PROGRAM

**A FOUNDATION IN TECHNOLOGY**

This program is anchored with Tech Core, curriculum designed to help you build a foundation of interdisciplinary skills you’ll need for today’s Internet of Things (IoT) economy. You’ll learn relevant skills in operating systems, programming, hardware, connectivity and security – giving you a hands-on foundation in engineering technology, information technology and software and information systems.

**A PROGRAM TO FUEL YOUR FUTURE**

With this program, you’ll not only be armed with the Tech Core experience, but you’ll also be exposed to a variety of concepts that can help guide your specialization choice in Big Data and Analytics, Software Design and Programming, and Web and Mobile Application Development.

**IS THIS PROGRAM FOR YOU?**

Interested in a career in software development but not sure where to focus? With this program, you’ll become familiarized with methods for improving software design and application product development to help guide your degree specialization choice.

**CAREER OPPORTUNITIES**

Graduates of DeVry’s Software Development degree program may consider, but are not limited to, the following careers:

- Software Application Developer
- Software Systems Developer

### WHAT YOU’LL LEARN

**ESSENTIALS**

- Communicate methods and findings
- Collaborate in dynamic work environments
- Solve complex problems
- Analyze numerical data
- Apply appropriate technologies

**TECH CORE**

- Produce, secure, operate and troubleshoot small enterprise networks
- Network, secure and deploy digital devices and sensors into the IoT ecosystem
- Solve technical problems using an algorithmic approach and basic programming and coding methods
- Install and configure operating systems using command line interface (CLI)

**PROGRAM**

- Design web distributed systems
- Develop applications
- Analyze and design software systems
- Product life cycle management

### QUICK FACTS

**120 CREDIT HOURS**

minimum credit hours required for graduation

**THE SMART WAY TO BE UNDECIDED**

With our undecided model, you’ll be exposed to three different specializations and be better armed to choose your path.¹

**SKILL FOCUSED CURRICULUM**

Elements of our technology curriculum help prepare you to pursue certification opportunities that can validate your knowledge and skills

- CompTIA Cloud+
- CompTIA Network+
- CompTIA Security+
- CompTIA Linux+
- CompTIA Project+

**CERTIFICATION EXAM REIMBURSEMENT**

We reimburse qualified students up to $300 for the cost of one industry certification exam attempt across a wide range of fields.

**ACCELERATE AT YOUR PACE**

Choose the schedule that best fits your goals and commitments. You can earn your Bachelor’s Degree in as little as 2 years 8 months.

Or, follow a normal schedule and complete your program in 4 years.

¹ Must declare a specialization by 60 credit hours for bachelor’s degree program.

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*Per 12-month period, assumes completion of 3 semesters, enrollment in 12-18 credit hours per semester and continuous, full-time year-round enrollment with no breaks.

**Per 12-month period, assumes completion of 2 semesters and full-time enrollment in 12-18 credit hours per semester.
BE AN ACTIVE PART OF AN INCLUSIVE FUTURE

Customize your curriculum by choosing Diversity, Equity and Inclusion (DE&I) course alternates for your Communication Skills, Humanities and Social Science courses. These course options highlight relevant topics to help empower you to promote an inclusive workplace.